

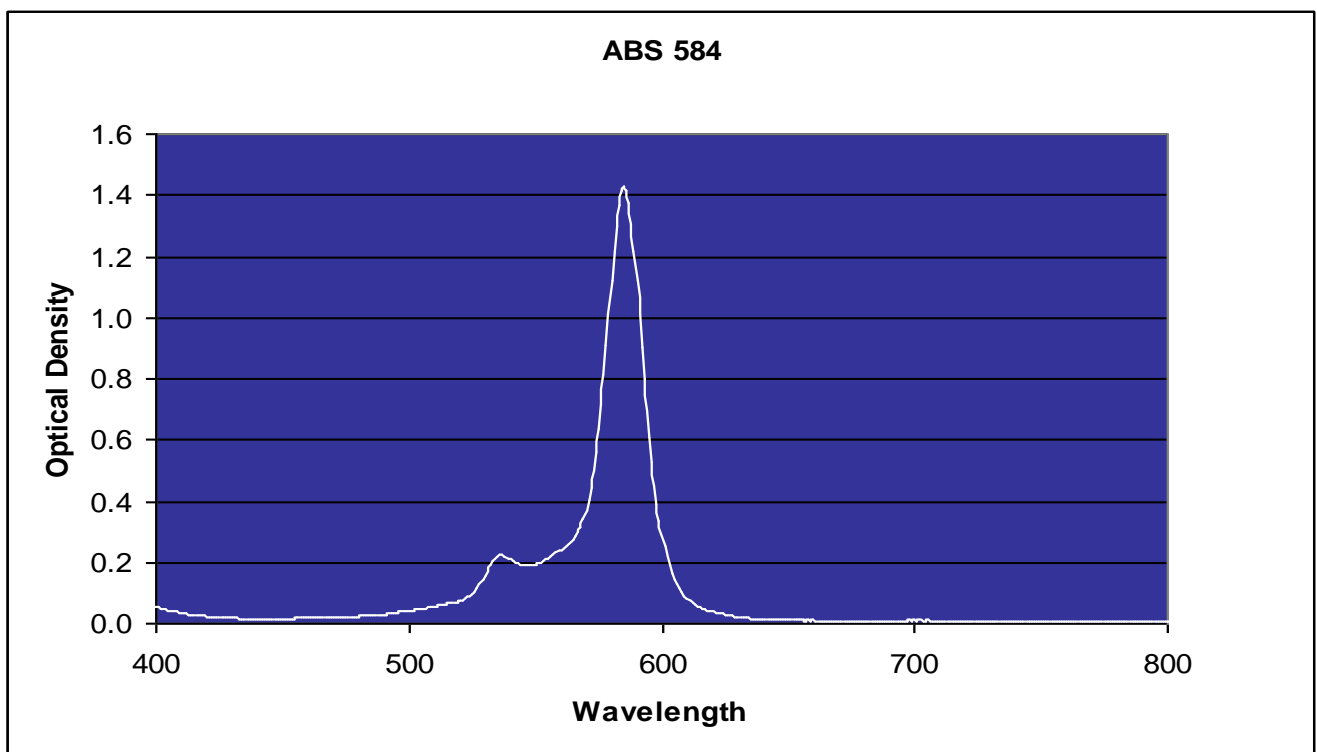


ABS 584: Visible Narrow Band Absorber

Properties

Composition	Proprietary Coordination Complex ¹
Peak Wavelength	583 ± 2 nm (methylene chloride)
Strength	190 L/gm-cm (methylene chloride)
Appearance	Reddish purple powder
Solubility	5 gm/L (methylene chloride), 0.3 gm/L (acetone), 0.5 gm/L (hexane), 1 gm/L (toluene); please inquire about a high solubility version of this dye
Spectral Purity	Full width at half maximum in absorbance: 18.5 ± 2.0nm (methylene chloride)
Melting Point	> 300 °C
Solar Stability	Excellent

Spectrum (polycarbonate)



1. Exciton offers this dye as general purpose, suitable for use in optical filters of all types (displays, spectacles, detectors, etc.). This product is offered under a non-analysis agreement and may be available for licensing for specific applications that require selective absorption and high temperature stability. Please contact Exciton for licensing or additional technical information.

The information presented above is believed to be accurate but is not a specification. The customer is fully responsible for determining the suitability of this product for use in their application. Exciton, Inc. does not represent that the information is sufficient or complete for any specific application.